

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/001481

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: A61F 5/58, A61F 11/04 // H04R 25/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: A61F, H04R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4498461 A (HAKANSSON), 12 February 1985 (12.02.1985), whole document --	1-3
X	WO 03001845 A1 (P & B RESEARCH AB), 3 January 2003 (03.01.2003), whole document --	1-3
X	WO 03001846 A1 (P & B RESEARCH AB), 3 January 2003 (03.01.2003), fig. 1 and text --	1-3
X	US 5961443 A (RASTATTER ET AL), 5 October 1999 (05.10.1999), whole document --	4-6

☒ Further documents are listed in the continuation of Box C. ☒ See patent family annex.

* Special categories of cited documents

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

16 December 2004

Date of mailing of the international search report

21-01-2005

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 0002418 A1 (KONINKLIJKE PHILIPS ELECTRONICS N.V. ET AL), 13 January 2000 (13.01.2000), whole document --	4,6,7
X	US 4685448 A (SHAMES ET AL), 11 August 1987 (11.08.1987), whole document --	5
X	US 5478304 A (WEBSTER), 26 December 1995 (26.12.1995), whole document --	5
X	SE 427418 B (PAUL PARLENI ET AL), 11 April 1983 (11.04.1983), whole document -- -----	5-7

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US	4498461	A	12/02/1985	DK	349483 A	29/07/1983
				EP	0106846 A	02/05/1984
				JP	58502178 T	15/12/1983
				NO	155950 B,C	16/03/1987
				NO	832757 A	29/07/1983
				SE	431705 B,C	20/02/1984
				SE	8107161 A	02/06/1983
				WO	8302047 A	09/06/1983

WO	03001845	A1	03/01/2003	AU	9448601 A	22/04/2002
				EP	1332113 A	06/08/2003
				EP	1425939 A	09/06/2004
				NO	20031610 A	05/06/2003
				SE	523124 C	30/03/2004
				SE	0102207 A	22/12/2002
				US	20040210103 A	21/10/2004

WO	03001846	A1	03/01/2003	BR	0114211 A	21/10/2003
				CA	2419660 A	25/04/2002
				EP	1332257 A	06/08/2003
				SE	523100 C	30/03/2004
				SE	0102208 A	22/12/2002
				US	20040069107 A	15/04/2004

US	5961443	A	05/10/1999	NONE		

WO	0002418	A1	13/01/2000	EP	1016318 A	05/07/2000

US	4685448	A	11/08/1987	CA	1310070 A,C	10/11/1992
				DE	3680997 A	26/09/1991
				EP	0226333 A,B	24/06/1987
				JP	62174788 A	31/07/1987

US	5478304	A	26/12/1995	NONE		

SE	427418	B	11/04/1983	AU	6789581 A	23/09/1981
				CA	1152741 A	30/08/1983
				EP	0047279 A	17/03/1982
				SE	8001848 A	11/09/1981
				SE	8101356 A	11/09/1981
				US	4421488 A	20/12/1983
				WO	8102513 A	17/09/1981
